

REF

OUT 66198

18 OCT 68 01 50Z

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 FM NPIC WASHDC
 TO AIG NINE SEVEN FIVE
 BT
 S E C R E T CITE NPIC 4844
 MISSION GL G-046

17 OCT 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-046, 11 OCT 68.

((TEXT AS FOLLOWS IDENTICAL TO ABOVE MISSION))

S E C R E T

END OF MESSAGE

S/C NOTE: ALSO PASSED

DISTRIBUTION		
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1	FILE	
2	CABLE SEC.	
	PP&B/ED	
	SECUR.	
	TEG	
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	R&D	
	REFRO	25X1
	AID	
	REG	
3	PROD	
	SCIEN	
4	WEST	✓
	EAST	
	M&S	
	ECM	
5	IAS	
	DIA-FOI	
6	SPAD *	
	DIA-AP	
		25X1

ADVANCE CY
 * SANITIZED
 WITH TEXT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 6-846, 22 OCT 68. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMINTX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C @CLEAR, SC @SCATTERED CLOUD COVER, HC @HEAVY CLOUD COVER, H @HAZEN, CS @CLOUD SHADOW, SD @SEMI DARKNESS, GC @GROUND COVER, CF @CAMOUFLAGE, O @OBLIQUITY, AND GR @GROUND RESOLUTION. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD, F @FAIR, OR P @POOR. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL OR PT @PARTIAL. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO, NS @NONSTEREO, OR PS @PARTIAL STEREO.

NEGATIVE RESPONSES TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC @NO APPARENT CHANGE AND/OR NOOB @NO ORDER OF BATTLE DISCERNIBLE AT THE END OF THE REFERENCE LINE.

SUMMARY

CONSTRUCTION IS PROGRESSING ON THE SA-2 SAM SITE UNDER CONSTRUCTION NEAR HOLGUIN. NO SIGNIFICANT CHANGE IS OBSERVED IN THE STATUS OF BABUANOS SAM SITE. BOTH OF THESE SITES ARE IN A MID STAGE OF CONSTRUCTION. A STORAGE AREA WITH EXCAVATIONS FOR PROBABLE ARCH-ROOFED BUNKERS IS UNDER CONSTRUCTION APPROXIMATELY 1 NM WEST OF MAYARI ARRIBA. MISSILE, AIR, NAVAL, AND GROUND ACTIVITY OTHERWISE APPEARS NORMAL THROUGHOUT THE AREAS COVERED BY THIS MISSION.

MISSILES

HOLGUIN AIRFIELD SAM SITE A19-2 CU 284650N 8761950W

OB -- 5 LAUNCHERS AND 3 VEHICLES/PIECES OF EQUIPMENT.

HOLGUIN SAM SITE WEST B27-2 CU 285100N 8762745W

34-28

OB -- 6 LAUNCHERS @4 WITH MISSILES, 7 MISSILE TRANSPORTERS @6 WITH MISSILES, 2 POSSIBLE MISSILE TRANSPORTERS, 1 PROBABLE FAN SONG RADAR WITH 6 ASSOCIATED VANS, 1 POSSIBLE SPOON REST RADAR, AND 10 VEHICLES/PIECES OF EQUIPMENT. ACTIVITY -- ONE OCCUPIED SIX-GUN AAA SITE.

HOLGUIN SAM SITE CU 285825N 8762350W

8588 34-29

SIX DRIVE-THROUGH LAUNCH REVETMENTS AND A GUIDANCE AREA ARE UNDER CONSTRUCTION.

SANTIAGO DE CUBA SAM SITE A23-2 CU 195941N 8755857W

24-C

OB -- 2 PROBABLY OCCUPIED LAUNCH POSITIONS, 7 POSSIBLE MISSILE TRANSPORTERS, AND 18 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE CUBA MISSILE SUPPORT FAC SAM 2 CU 288414N 8755336W

76-P

OB -- 18 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE CUBA SAM SITE A18-2 CU 195845N 8754922W

24-H

CONSTRUCTION IS PROBABLY COMPLETED.

PALMA SORIANO SAM SITE A82-2 CU 281524N 8755913W

54-H

OB -- 6 ENPLACED LAUNCHERS @5 WITH MISSILES, 9 MISSILE

TRANSPORTERS

OUT66198

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

[REDACTED]
HOLGUIN MISSILE SUP FAC SAM LA VEGUITA CU 284958N 8761516W

25X1

34-27

25X1

OB -- 11 MISSILE TRANSPORTERS 03 CANVAS COVERED AND 19
VEHICLES/PIECES OF EQUIPMENT.

25X1

[REDACTED]
SAN PEDRO DE CACOCUM SAM SITE A86-2 CU 284545N 8761548W

25X1

72-C1

OB -- 6 REPLACED LAUNCHERS 03 WITH MISSILES, A PROBABLE FAN SONG
RADAR WITH 4 ASSOCIATED VANS, AN OCCUPIED ACQUISITION RADAR AREA,
AND 1 VEHICLE/PIECE OF EQUIPMENT.

25X1

[REDACTED]
LA MAYA SAM SITE A35-2 CU 281489N 8754846W

25X1

63-A

OB -- 6 LAUNCHERS 02 WITH MISSILES, 1 WITH A PROBABLE MISSILE, 9
MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 VANS, A PROBABLE
SPOON REST RADAR WITH 1 VAN, AND 6 VEHICLES/PIECES OF EQUIPMENT.

25X1

[REDACTED]
BAGUANOS SAM SITE CU 284987N 8768386W

25X1

34-H2

CONSTRUCTION CONTINUES.

25X1

AIR FACILITIES

IONACION AGRAMONTE AIRFIELD CU 212511N 8775854W

25X1

27

OB -- 1 CRATE, 16 COLT, AND 15 HOUND.

25X1

[REDACTED]
HOLGUIN AIRFIELD CU 284787N 8761854W

25X1

34-C

OB -- 4 FISHBED, 3 FAGOT/FRESCO, 2 COKE, 1 CRATE, 1 HOUND, AND 1
POSSIBLE AIRCRAFT.

25X1

[REDACTED]
LOS CANOS AIRFIELD CU 288585N 8758931W

25X1

[REDACTED]
ANTONIO MACEO AIRFIELD CU 195889N 8755889W

25X1

9

OB -- 1 PROBABLE COOT, 2 PROBABLE CRATE, 1 SMALL STRAIGHT-WING, AND
1 POSSIBLE HOUND.

25X1

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 288128N 8755818W

25X1

76

VESSELS -- 6 LARGE FREIGHTERS.

25X1

ELECTRONICS/COMMUNICATIONS

[REDACTED]
HOLGUIN RADAR SITE CU 284718N 8761831W

25X1

34-D3

OB -- 1 POSSIBLE RADAR.

25X1

[REDACTED]
MAISI LOW SIEVE RADAR FACILITY CU 281417N 8748925W

25X1

44-B

OB -- 1 PROBABLE LOW SIEVE RADAR.

25X1

[REDACTED]
HOLGUIN AIRFIELD RADAR FACILITY CU 284513N 8762186W

25X1

34-D2

TWO CARGO TRUCKS AND SEVENT VEHICLES/PIECES OF EQUIPMENT ARE
OBSERVED.

OB -- 1 OCCUPIED RADAR MOUND AND 2 UNIDENTIFIED POSSIBLE RADARS.

25X1

25X1

VAZQUEZ TALL KING-AW RADAR FAC CU 210215N 076415W

329-A

25X1

CONSTRUCTION IS PROGRESSING ON THE SUPPORT AREA.
OR -- 1 TALL KING RADAR.

25X1

HOLGUIN AW RADAR FACILITY CU 204822N 0761756W

34-D

THIS INSTALLATION WAS FORMERLY REPORTED UNDER

25X1

25X1

GROUND FORCE ACTIVITY

ALTO CEDRO MILITARY CAMP 15 CU 202630N 0755542W

70-E

OB -- AREA 1 -- 3 POSSIBLE AAA PIECES, 12 BTR-60P
APC, AND 13 CARGO TRUCKS.25X1
25X1

AREA 2 -- 6 POSSIBLE FA PIECES AND 21 CARGO TRUCKS.

25X1

AREA 3 -- 13 FA PIECES AND 18 CARGO TRUCKS.

AREA 4 AND -- 27 TANKS/ASSAULT GUNS
AND 8 CARGO TRUCKS.

25X1

AREA 5 -- 7 AAA PIECES, 13 PROBABLE MORTARS, 37
CARGO TRUCKS, AND 14 VEHICLES/PIECES OF EQUIPMENT.

25X1

AREA 6 -- 22 CARGO TRUCKS.

25X1

AREA 7 -- 17 FA PIECES, 5 POSSIBLE AAA PIECES, 20
BTR-60P APC, AND 11 CARGO TRUCKS.

ACTIVITY -- AREA 4 -- ONE OCCUPIED SIX-GUN AAA SITE.

25X1

DOS CAMINOS MILITARY BARRACKS CU 201446N 0754714W

317-A

OB -- 43 FA PIECES, 13 AAA PIECES, 75 CARGO TRUCKS, 17 TRACKED
PRIME MOVERS, 9 UTILITY TRUCKS, AND 7 VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

HOLGUIN MILITARY CAMP EAST CU 205321N 0761341W

34-V

OB -- 2 TANKS, 31 FA PIECES, 6 AAA PIECES, 2 PROBABLE AAA PIECES,
24 BTR-60P APC, 8 BTR-152 APC, 80 CARGO TRUCKS, AND 8
VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- ONE OCCUPIED SIX-GUN AAA SITE.

25X1

25X1

HOLGUIN MILITARY CAMP NORTH CU 205713N 0761633W

34-S

OB -- 6 PROBABLE AAA PIECES, 15 CARGO TRUCKS, AND 5 UTILITY
VEHICLES.

25X1

25X1

HOLGUIN MILITARY CAMP PIEDRAS CU 205339N 0761349W

34-V2

OB -- 6 FA PIECES AND 11 CARGO TRUCKS.

25X1

25X1

CAMAGUEY VEHICLE PARK NORTH CU 212937N 0775220W

25X1

EL CRISTO MILITARY AREA CU 200837N 0754827W

65-A

OB -- 5 VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

SANTIAGO MILITARY CAMP LA QUINTA CU 200242N 0755136W

76-N1

OB -- 27 VEHICLES/PIECES OF EQUIPMENT.

25X1

MINAS MILITARY CAMP FUNDICION CU 212710N 0773415W

25X1

25X1

FOUR SUPPORT BUILDINGS ARE UNDER CONSTRUCTION AND CONSTRUCTION OF
EIGHT BARRACKS Approved For Release 2008/05/20 : CIA-RDP78B04549A000700020037-3
OB -- 41 VEHICLES/PIECES OF EQUIPMENT.

[REDACTED]
OFFICIA MILITARY CAMP CU 200628N 0753848W

25X1

347

25X1

OB -- 12 TANKS/ASSAULT GUNS, 24 FA PIECES, 11 AAA PIECES, 50 CARGO
TRUCKS, AND 2 OTHER VEHICLES.

ACTIVITY -- THREE OCCUPIED SIX-GUN AAA SITES.

25X1

[REDACTED]
PUERTO PADRE TANK TRAINING AREA CU 211115N 0763752W

61-C

25X1

EIGHTEEN BARRACKS ARE UNDER CONSTRUCTION IN THE SUPPORT AREA.

OB -- 27 TANKS, 3 POSSIBLE TRUCK-MOUNTED ROCKET LAUNCHERS POSSIBLY
BTR-60P AND 8 CARGO TRUCKS.

25X1

[REDACTED]
SANTIAGO DE CUBA MILITARY CAMP NW CU 200310N 0755320W

76-P3

25X1

OB -- 24 CARGO TRUCKS, 11 PROBABLE CARGO TRUCKS, AND 7
VEHICLES/PIECES OF EQUIPMENT.

25X1

[REDACTED]
MOLGUIN MILITARY INSTITUTE CU 2052//N 07620//W

34-X

25X1

CONSTRUCTION CONTINUES IN THE TRAINING AREA.

OB -- 18 TANKS/ASSAULT GUNS, 20 FA PIECES, 9 PROBABLE AAA PIECES,
AT LEAST 46 CARGO TRUCKS, AND NUMEROUS VEHICLES/PIECES OF
EQUIPMENT.

25X1

[REDACTED]
VATERAS RIO LINDINA BEACH CU 195820N 0745720W

25X1

[REDACTED]
MAR VERDE LANDING BEACH CU 195750N 0755630W

25X1

[REDACTED]
IMIAS LANDING BEACH CU 200500N 0744000W

25X1

[REDACTED]
MAYARI ARriba STORAGE AREA CU 202440N 0753300W

0585

91-B

1.2 NM WEST OF MAYARI ARriba ON THE NORTH SIDE OF LOMA SABA GRANDE.
AT UTM 18QVT424570.

THE STORAGE AREA CONTAINS FIVE EXCAVATIONS FOR PROBABLE ARCH-ROOFED
STORAGE BUNKERS, FIVE SUPPORT/STORAGE BUILDINGS BONE POSSIBLY
REVEITED, AND NUMEROUS PREFORMED CONCRETE ARCH SECTIONS.

MAP REFERENCE -- AMS SERIES E723, SHEET 5077 III, 2ND ED.

25X1

[REDACTED]
SANTA ANA MILITARY CAMP CU 2048//N 07612//W

0585

372

OB -- 21 TANKS/ASSAULT GUNS, 6 POSSIBLE AAA PIECES, 10 POSSIBLE
BTR-60P APC, 33 CARGO TRUCKS, AND 24 VEHICLES/PIECES OF EQUIPMENT.

25X1

[REDACTED]
LOS JOBOS DE LA MINA STOR AREA CU 204611N 0760900W

47

25X1

7 NM WNW OF BAGUANOS AND 0.5 NM SSE OF LOS JOBOS DE LA MINA AT UTM
18QUT800966.

A POSSIBLY SECURED STORAGE FACILITY CONTAINS FIVE EARTH-COVERED
BUNKERS TWO PROBABLY DRIVE-THROUGH, ONE POSSIBLY DRIVE-THROUGH,
AND TWO DRIVE-IN AND FIVE SUPPORT BUILDINGS. AREA APPEARS TO BE
PARTIALLY UNDER CONSTRUCTION. SEVEN VEHICLES/PIECES OF EQUIPMENT
ARE OBSERVED.

MAP REFERENCE -- AMS SERIES E723, SHEET 4978 II, 1ST ED.

25X1